



IFW

Attorney Docket No. 60055USDIV1  
Serial No. 10/773,904

**FILING BY "FIRST CLASS MAIL" UNDER 37 C.F.R. § 1.8**

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- 1) Information Disclosure Statement
- 2) Information Disclosure Citation - FORM PTO-1449 (2 sheets total)
- 3) Return Postcard

Melissa Hardy  
Name

Melissa Hardy  
Signature



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Beck, James and Barnett, Jason

Serial. No. 10/773,904

Filed: February 6, 2004

For: DETECTION OF FUSARIUM  
SPECIES INFECTING CORN USING  
THE POLYMERASE CHAIN  
REACTION

Art Unit: TBA

Examiner: TBA

Atty Docket: 60055USDIV1

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.56, Applicants wish to call the Examiner's attention to the references cited on the attached Form PTO-1449. Copies of these references are not enclosed, since copies of these references were provided in the parent application no. 09/961,755. The submission of these references is made solely for the purpose of complying with Applicant's duty of disclosure, and is not intended as a surrender of patentable subject matter nor is it intended to create prosecution history estoppel.

In re Application of Beck and Barnett  
Serial No. 09/961,755

The Examiner is requested to consider the foregoing information in relation to this application and to indicate that each reference was considered by returning a copy of the initialed PTO 1449 forms.

In accordance with 37 CFR §1.97(b)(3), no fee is believed to be required for consideration of this statement because it is being submitted before the mailing date of a first Office Action on the merits.

Respectfully submitted,



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Date: July 28, 2004

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.  
60055USDIV1  
APPLICATION NO.  
10/773,904  
APPLICANT  
BECK, J. and BARNETT, J.  
FILING DATE  
February 6, 2004

Group



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	4,683,195	7/28/87	Mullis, et al.	435	6	2/7/86
	AB	4,683,202	7/28/87	Kary B. Mullis	435	91	10/25/85
	AC	5,585,238	12/17/96	James. Ligon and James. Beck	435	6	4/25/94
	AD	5,800,997	9/1/98	James J. Beck	435	6	11/1/96
	AE	5,955,274	9/21/99	James Ligon and James Beck	435	6	4/19/95

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AA	Desjardins, A.E. and Plattner, R.D. <i>Distribution of Fumonisins in Maize Ears Infected with Strains of Fusarium moniliforme that Differ in Fumonisin Production</i> <i>Plant Disease</i> , Vol. 82, No. 8 (August 1998), pp. 953-958
	AB	Doohan, et al. <i>The use of species-specific PCR-based assays to analyse Fusarium ear blight of wheat</i> <i>Plant Pathology</i> , Vol. 47 (1998), pp. 197-205
	AC	Johanson, A. and Jeger M. <i>Use of PCR for detection of Mycosphaerella fijiensis and M. musicola, the causal agents of Sigatoka leaf spots in banana and plantain</i> <i>Mycological Research</i> , Vol. 97, No. 6 (1993), pp. 670-674.
	AD	Lee, et al. <i>A rapid, high yield mini-prep method for isolation of total genomic DNA from fungi</i> <i>Fungal Genetics Newsletter</i> , No. 35 (June, 1988), pp. 23-24
	AE	Lee, S.B. and Taylor, J.W., "Isolation of DNA from fungal mycelia and single spores." In: eds. Innis, et al., <i>PCR Protocols: A Guide to Methods and Applications</i> (New York, Academic Press, Inc., 1990) Pp. 282-287.
	AF	Munkvold, G.P. and Desjardins, A.E., <i>Fumonisins in Maize: Can we Reduce Their Occurrence?</i> <i>Plant Disease</i> , Vol. 81, No. 6, pp. 556-565.
	AG	Nazar, et al. <i>Potential use of PCR-amplified ribosomal intergenic sequences in the detection and differentiation of verticillium wilt pathogens</i> <i>Physiological and Molecular Plant Pathology</i> , Vol. 39, (1991), pp. 1-11.
	AH	Nicholson, et al., <i>Detection and quantification of Fusarium culmorum and Fusarium graminearum in cereals using PCR assays</i> <i>Physiological and Molecular Plant Pathology</i> , Vol. 53, Article No. pp980170 (1998), pp. 17-37.
	AI	O'Donnell, et al., <i>Gene genealogies reveal global phylogeographic structure and reproductive isolation among lineages of Fusarium graminearum, the fungus causing wheat scab</i> <i>Proceedings of the National Academy of Sciences</i> , Vol. 97, No. 14 (July 5, 2000), pp. 7905-7910
	AJ	O'Donnell, et al., <i>Molecular systematics and phylogeography of the Gibberella fujikuroi species complex</i> <i>Mycologia</i> , Volume 90, No. 3, (1998), pp. 465-493.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

(Use several sheets if necessary)

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BECK, J. and BARNETT, J.  
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Group



AK	Raeder, U. and Broda, P. <i>Rapid preparation of DNA from filamentous fungi Letters in Applied Microbiology</i> , Vol. 1 (1985), pp. 17-20.
AL	Schesser, K., et al. <i>Use of Polymerase Chain Reaction to Detect the Take-All fungus, Gaeumannomyces graminis, in Infected Wheat Plants Applied and Environmental Microbiology</i> , Vol. 57, no. 2 (1990), pp. 553-556
AM	White, et al. "Amplification and direct sequencing of fungal ribosomal RNA genes for phylogenetics." In: eds. Innis, et al., <i>PCR Protocols: A Guide to Methods and Applications</i> (New York, Academic Press, Inc., 1990) Pp. 315-322.
AN	GenBank Accession Number U34497 [online], retrieved on 2001-11-02]. Retrieved from the Internet: <URL: <a href="http://www.ncbi.nlm.nih.gov">http://www.ncbi.nlm.nih.gov</a> >
AO	GenBank Accession Number U34500 [online], retrieved on 2001-11-02]. Retrieved from the Internet: <URL: <a href="http://www.ncbi.nlm.nih.gov">http://www.ncbi.nlm.nih.gov</a> >
AP	GenBank Accession Number U34501 [online], retrieved on 2001-11-02]. Retrieved from the Internet: <URL: <a href="http://www.ncbi.nlm.nih.gov">http://www.ncbi.nlm.nih.gov</a> >
AQ	GenBank Accession Number U34520 [online], retrieved on 2001-11-02]. Retrieved from the Internet: <URL: <a href="http://www.ncbi.nlm.nih.gov">http://www.ncbi.nlm.nih.gov</a> >
AR	GenBank Accession Number U34555 [online], retrieved on 2001-11-02]. Retrieved from the Internet: <URL: <a href="http://www.ncbi.nlm.nih.gov">http://www.ncbi.nlm.nih.gov</a> >
AS	GenBank Accession Number U34558 [online], retrieved on 2001-11-02]. Retrieved from the Internet: <URL: <a href="http://www.ncbi.nlm.nih.gov">http://www.ncbi.nlm.nih.gov</a> >
AT	GenBank Accession Number U34559 [online], retrieved on 2001-11-02]. Retrieved from the Internet: <URL: <a href="http://www.ncbi.nlm.nih.gov">http://www.ncbi.nlm.nih.gov</a> >
AU	GenBank Accession Number U34578 [online], retrieved on 2001-11-02]. Retrieved from the Internet: <URL: <a href="http://www.ncbi.nlm.nih.gov">http://www.ncbi.nlm.nih.gov</a> >
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